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("4544840").PN.: OR: ("4936681").URPN.	10/855,958	("2004/0076388").URPN.	(photodetectors or photodetector or photodiode or photodiodes or detector or detectors) same (((area or region or surface or diameter or radius or dimensions) near2 (smaller or less)) with (fiber or fibers or fibre or fibres or light-guide or light-guides or (light adj guide) or (light adj guides) or waveguide or waveguides))	((photodetectors or photodetector or photodiode or photodiodes or detector or detectors) with ((area or region or surface or diameter or radius or dimensions) near2 (smaller or less))) same ((align or aligned or aligning or aligns or alignment) near2 (fiber or fibers or fibre or fibres or light-guide or light-guides or (light adj guides) or waveguide or waveguides))	((photodetectors or photodetector or photodiode or photodiodes or detector or detectors) with ((area or region or surface or diameter or radius) near2 (smaller or less))) same ((align or algned or aligning or aligns or alignment) near2 (fiber or fibers or fibre or fibres or light-guide or light-guides or (light adj guides) or waveguide or waveguides))	(photodetectors or photodetector or photodiode or photodiodes or detector or detectors) same ((align or aligned or aligning or aligns or alignment) near2 (fiber or fibers or fibre or fibres or light-guide or light-guides or (light adj guides) or waveguide or waveguides))	Search Query
US-PGPUB; USPAT; USOCR	US-PGPUB; USPAT	USPAT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	DBs
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14 and (asymmetric or asymmetrical)	14 and (photodiode)	14 and (electrical)	14 and (electrically)	14 and (isolated)	14 and (plastic)	14 and (fiber or fibre or fibers or fibres)	("5189296").PN.	(("5714773") or ("4366377")).PN.						11 and (optical or optic or light)		(((fiber or fibers or fibre or fibres) near2 (conventional or known)) with plastic) same (diameter or diameters or radius or radii)		waveguide or waveguides) (light adj guide) or (light adj guides) of	arraying or arrays)) with (resolution)) same (fiber or fibers or fibre or fibres	or detectors) near2 (number or plurality or multiple or array or arrayed or	(((photodetectors or photodetector or photodiade or photodiades or detector	light-guide or light-guides or (light adj guide) or (light adj guides) or waveguide or waveguides)	((photodetectors or photodetector or photodiode or photodiodes or detector or detectors) with (resolution)) same (fiber or fibers or fibre or fibres or
USPAT	USPAT	USPAT	USPAT	USPAT	USPAT	USPAT	USPAT	USPAT	IBM_TDB	DERWENT;	EPO; JPO;	USOCR;	USPAT;	US-PGPUB;	DERWENT; IBM_TDB	US-PGPUB; USPAT;	IBM_TDB	DERWENT;	USOCR;	USPAT;	US-PGPUB:	USOCR; EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT;
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S11	S10	S9	8	S7	98	SS	S4	S3	8	SI
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S6 and ((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors or detector or detectors or detecting or photodetecting or photodiodes or light-receiving or (light adj receiving)) with ((area or size or width) near2 (core or cores)))	((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors or detector or detectors or detecting or photodetecting or photodiode or photodiodes or light-receiving or (light adj	((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors or detector or detectors or detecting or photodetecting or photodiodes or light-receiving or (light adj receiving)) with ((area or size or width) near2 (core or cores)))	((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors or detector or detectors or detecting or photodetecting or photodiodes or light-receiving or (light adjreceiving)) with ((area or size or width) near2 (core or cores)))	((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors or detector or detectors or detecting or photodetecting or photodiodes or light-receiving or (light adj receiving)) with ((area or size or width) near2 (core or cores)))	((385/49) or (385/88-94) or (398/FOR180) or (398/FOR186) or (398/202-214)).CCLS.	("2004/0076388").URPN.	((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors) with ((area) near2 (smaller or less or small)))	((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors) with ((area) near2 (smaller or less or small)))	((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors) with ((area) near2 (smaller or less or small)))	((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors) with ((area) near2 (smaller or less or small)))
US-PGPUB; USPAT; USOCR	EPO; JPO; DERWENT; IBM_TDB	USOCR	US-PGPUB	USPAT	US-PGPUB; USPAT; USOCR	USPAT	EPO; JPO; DERWENT; IBM_TDB	USOCR	US-PGPUB	USPAT
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2005/02/16 17:22	2005/02/16 17:09	2005/02/16 17:09	2005/02/16 17:22	2005/02/16 17:18	2005/02/16 17:07	2005/02/16 16:58	2005/02/16 17:04	2005/02/16 16:51	2005/02/16 16:51	2005/02/16 16:51

S19	S18	S17	S16	a S	S14	EIS.	S12
17	52	2524	49	ú	207	8	57
S18 and fiber: ab.	S17 and plastic.ab.	nishimura.in. and optical.ab.	((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors or detector or detectors or detecting or photodetecting or photodiode or photodiodes or light-receiving or (light adj receiving)) with (((area or size or width or diameter) near2 (smaller or small or less or equal)) and ((core or cores or cross-section or cross-sectional or diameter or (cross adj section) or (cross adj sectional) or width or area) near2 (fiber or fibres or fibres or core or cores))))	((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors or detector or detectors or detecting or photodetecting or photodiode or photodiodes or light-receiving or (light adj receiving)) with (((area or size or width or diameter) near2 (smaller or small or less or equal)) and ((core or cores or cross-section or cross-sectional or diameter or (cross adj section) or (cross adj sectional) or width or area) near2 (fiber or fibres or fibres or core or cores))))	((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors or detector or detectors or detecting or photodetecting or photodiode or photodiodes or light-receiving or (light adj receiving)) with (((area or size or width or diameter) near2 (smaller or small or less or equal)) and ((core or cores or cross-section or cross-sectional or diameter or (cross adj section) or (cross adj sectional) or width or area) near2 (fiber or fibres or fibres or core or cores))))	((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors or detector or detectors or detecting or photodetecting or photodiode or photodiodes or light-receiving or (light adj receiving)) with (((area or size or width or diameter) near2 (smaller or small or less or equal)) and ((core or cores or cross-section or cross-sectional or diameter or (cross adj section) or (cross adj sectional) or width or area) near2 (fiber or fibers or fibre or fibres or core or cores))))	(S7 or S8) not S11
JPO; DERWENT	JPO; DERWENT	JPO; DERWENT	EPO; JPO; DERWENT; IBM_TDB	USOCR	USPAT	US-PGPUB	US-PGPUB; USPAT; USOCR
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S31	S30	S29	S28	S27	S26	S25	S24	S23	S22	S21	S20
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((plurality or multiple) near2 (photodiode or photodiodes or photodetector or photodetectors)) with (core near2 (diameter or size or width or area or cross-section or cross-sectional))	((plurality or multiple) near2 (photodiode or photodiodes or photodetector or photodetectors)) with (core near2 (diameter or size or width or area or cross-section or cross-sectional))	((photodiode or photodiodes or photodetector or photodetectors) near4 (equal)) with (core near2 (diameter or size or width or area or cross-section or cross-sectional))	((photodiode or photodiodes or photodetector or photodetectors) near4 (equal)) with (core near2 (diameter or size or width or area or cross-section or cross-sectional))	("20020041731" "20020102084" "5278929" "5546212" "5552918" "5555334" "5566265" "5721426" "5997185" "6188495" "6243508" "6252725" "6353491" "6453091" "6454467").PN. OR ("6694074"). URPN.	((photodiode or photodiodes or photodetector or photodetectors) near4 (smaller or less)) with (core near2 (diameter or size or width or area or cross-section or cross-sectional))	((photodiode or photodiodes or photodetector or photodetectors) near4 (smaller or less)) with (core near2 (diameter or size or width or area or cross-section or cross-sectional))	((photodiode or photodiodes or photodetector or photodetectors) near2 (array or arrays or arrayed or arraying)) with (core near2 (diameter or size or width or area or cross-section or cross-sectional))	((photodiode or photodiodes or photodetector or photodetectors) near2 (array or arrays or arrayed or arraying)) with (core near2 (diameter or size or width or area or cross-section or cross-sectional))	((photodiode or photodiodes or photodetector or photodetectors) near2 (array or arrays or arrayed or arraying)) with (spot near2 size)	((photodiode: or photodiodes or photodetector or photodetectors): near2 (array or arrays or arrayed or arraying)) with (spot near2 size)	S19 and photodiode.ab.
EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; USOCR	US-PGPUB; USPAT; USOCR	EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; USOCR	EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; USOCR	EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; USOCR	US-PGPUB; USPAT; USOCR	EPO; JPO; DERWENT; IBM_TDB	JPO; DERWENT
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S42	S41	S40	S39	S38	S37	S36	S35	S34	S33	S32
31	59	0	5266	0	0	2	42	89	ω	14
((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors or detector or detectors or detecting or photodetecting or photodiodes or light-receiving or (light adj receiving)) with ((area or size or width) near2 (core or cores)))	((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors or detector or detectors or detecting or photodetecting or photodiodes or light-receiving or (light adj receiving)) with ((area or size or width) near2 (core or cores)))	((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors or detector or detectors or detecting or photodetecting or photodiodes or light-receiving or (light adj receiving)) with ((area or size or width) near2 (core or cores)))	((385/49) or (385/88-94) or (398/FOR180) or (398/FOR186) or (398/202-214)):CCLS.	("2004/0076388").URPN.	((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors) with ((area) near2 (smaller or less or small)))	((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors) with ((area) near2 (smaller or less or small)))	((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors) with ((area) near2 (smaller or less or small)))	((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors) with ((area) near2 (smaller or less or small)))	((plurality or multiple) near2 (photodiode or photodiodes or photodetector or photodetectors)) with ((fiber or fibre or spot or core or end-face or endface or face) near2 (diameter or size or width or area or cross-section or cross-sectional))	((plurality or multiple) near2 (photodiode or photodiodes or photodetector or photodetectors)) with ((fiber or fibre or spot or core or end-face or endface or face) near2 (diameter or size or width or area or cross-section or cross-sectional))
US-PGPUB	USPAT	USOCR	US-PGPUB; USPAT; USOCR	USPAT	EPO; JPO; DERWENT; IBM_TDB	USOCR	US-PGPUB	USPAT	EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; USOCR
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2005/07/26 21:17	2005/07/26:21:17	2005/07/26 21:17	2005/07/26:21:17	2005/07/26 21:17	2005/07/26 21:17	2005/07/26 21:17	2005/07/26:21:17	2005/07/26 21:17	2005/02/17 10:02	2005/02/17 10:02

548	S47	ş	S45	S44	S43
50	ω	쓙	65	25	17
((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors or detector or detectors or detecting or photodetecting or photodiode or photodiodes or light-receiving or (light adj receiving)) with (((area or size or width or diameter) near2 (smaller or small or less or equal)) and ((core or cores or cross-section or cross-sectional or diameter or (cross adj section) or (cross adj sectional) or width or area) near2 (fiber or fibres or fibres or core or cores))))	((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors or detector or detectors or detecting or photodetecting or photodiode or photodiodes or light-receiving or (light adj receiving)) with (((area or size or width or diameter) near2 (smaller or small or less or equal)) and ((core or cores or cross-section or cross-sectional or diameter or (cross adj section) or (cross adj sectional) or width or area) near2 (fiber or fibres or fibres or core or cores))))	((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors or detector or detectors or detecting or photodetecting or photodiode or photodiodes or light-receiving or (light adj receiving)) with (((area or size or width or diameter) near2 (smaller or small or less or equal)) and ((core or cores or cross-section or cross-sectional or diameter or (cross adj section) or (cross adj sectional) or width or area) near2 (fiber or fibres or fibres or core or cores))))	(S41 or S42) not S44	S39 and ((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors or detector or detectors or detecting or photodetecting or photodiodes or light-receiving or (light adj receiving)) with ((area or size or width) near2 (core or cores)))	((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors or detector or detectors or detecting or photodetecting or photodiodes or light-receiving or (light adj receiving)) with ((area or size or width) near2 (core or cores)))
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S59	S58	S57	S56	S55	S54	S53	S52	S51	S50	S49
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((photodiode or photodiodes or photodetector or photodetectors) near4 (smaller or less)) with (core near2 (diameter or size or width or area or cross-section or cross-sectional))	((photodiode or photodiodes or photodetector or photodetectors) near4 (smaller or less)) with (core near2 (diameter or size or width or area or cross-section or cross-sectional))	((photodiode or photodiodes or photodetector or photodetectors) near2 (array or arrays or arrayed or arraying)) with (core near2 (diameter or size or width or area or cross-section or cross-sectional))	((photodiode or photodiodes or photodetector or photodetectors) near2 (array: or arrays: or arrayed or arraying)) with (core near2 (diameter or size or width or area or cross-section or cross-sectional))	((photodiode or photodiodes or photodetector or photodetectors) near2 (array or arrays or arrayed or arraying)) with (spot near2 size)	((photodiode or photodiodes or photodetector or photodetectors) near2 (array or arrays or arrayed or arraying)) with (spot near2 size)	S52 and photodiode.ab.	S51 and fiber.ab.	S50 and plastic.ab.	nishimura.in. and optical.ab.	((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors or detector or detectors or detecting or photodetecting or photodiode or photodiodes or light-receiving or (light adj receiving)) with (((area or size or width or diameter) near2 (smaller or small or less or equal)) and ((core or cores or cross-section or cross-sectional or diameter or (cross adj section) or (cross adj sectional) or width or area) near2 (fiber or fibers or fibre or fibres or core or cores))))
EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; USOCR	EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; USOCR	US-PGPUB; USPAT; USOCR	EPO; JPO; DERWENT; IBM_TDB	JPO; DERWENT	JPO; DERWENT	JPO; DERWENT	JPO; DERWENT	USPAT
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S68	S67	S66	S65	S64	S63	S62	S61	S60
20	2614	ω	14	L	خنو	L	0	21
S67 and ((photodetectors or photodetector or light-receiver or light-receivers or receiver or receivers or receiving or sensitive) with ((smaller or less) near2 (fiber or fibers or fibre or fibres)))	(S34 or S35 or S36 or S37 or S38 or S39 or S40 or S41 or S42 or S43 or S44 or S45 or S46 or S47 or S48 or S49 or S50 or S51 or S52 or S53 or S54 or S55 or S56 or S57 or S58 or S59 or S60 or S61 or S62 or S63 or S64 or S65 or S66) and @pd>"20021605"	((plurality or multiple) near2 (photodiode or photodiodes or photodetector or photodetectors))-with ((fiber or fibre or spot or core or end-face or endface or face) near2 (diameter or size or width or area or cross-section or cross-sectional))	((plurality or multiple) near2 (photodiode or photodiodes or photodetector or photodetectors)) with ((fiber or fibre or spot or core or end-face or endface or face) near2 (diameter or size or width or area or cross-section or cross-sectional))	((plurality or multiple) near2 (photodiode or photodiodes or photodetector or photodetectors)) with (core near2 (diameter or size or width or area or cross-section or cross-sectional))	((plurality or multiple) near2 (photodiode or photodiodes or photodetector or photodetectors)) with (core near2 (diameter or size or width or area or cross-section or cross-sectional))	((photodiode or photodiodes or photodetector or photodetectors) near4 (equal)) with (core near2 (diameter or size or width or area or cross-section or cross-sectional))	((photodiode or photodiodes or photodetector or photodetectors) near4 (equal)) with (core near2 (diameter or size or width or area or cross-section or cross-sectional))	("20020041731" "20020102084" "5278929" "5546212" "5552918" "5555334" "5566265" "5721426" "5997185" "6188495" "6243508" "6252725" "6353491" "6453091" "6454467").PN. OR ("6694074"). URPN.
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38	ω	ZI SI	23	361	28
S72 and (fiber or fibers or fibre or fibres or light-guide or light-guides or (light adj guide) or (light adj guides) or waveguide or waveguides)	S72 and ((align or algned or aligning or aligns or alignment) near2 (fiber or fibers or fibres or light-guide or light-guides or (light adj guide) or (light adj guides) or waveguide or waveguides))	((photodetectors or photodetector or photodiode or photodiodes or detector or detectors) near2 (array or arrays)) with (single near2 substrate)	S70 and (((size or area or radius or diameter or region or length or width) near2 (less or smaller)) with (fiber or fibers or fibre or fibres))	((photodetectors or photodetector or light-receiver or light-receivers or receivers or receivers or receiving or detector or detectors or photodiode or photodiodes) near2 (array or arrays or arrayed or arraying)) same ((pixel or photodetector or photodiode or detector or light-receiver or receiver or receiver or receiving) with ((size or area or radius or diameter or region or length or width) near2 (less or smaller)))	(((photodetectors or photodetector or light-receiver or light-receivers or receiver or receivers or receivers or receivers or receiving or sensitive or detector or detectors) near2 (cell or cells or area or areas or region or regions or pixel or pixels)) with ((smaller or less) near2 (fiber or fibers or fibre or fibres)))
US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
9	Q.	e	Я	R	Я
OFF	OFF	9	OFF	O T	, Q
2005/07/27 10:53	2005/07/27 14:10	2005/07/27 10:52	2005/07/27 10:50	2005/07/26:21:31	2005/07/26 21:28